

AMENDMENTS TO THE DRAWINGS:

The attached sheet of drawings includes changes to Fig. 2. This sheet, which includes Fig. 2, replaces the original sheet including Fig. 2. In Fig. 2, the outer collars have been illustrated with diameters that increase toward the middle of the troughed roller.

Attachment: Replacement Sheet

REMARKS

The office action of March 27, 2007, has been carefully considered.

It is noted that the drawings are objected to under 37 C.F.R. 1.83(a).

Claim 6 is objected to for containing various informalities.

Claims 2-5 and 12 are rejected under 35 U.S.C. 112, second paragraph.

Claims 1, 2, 5, 6, 11 and 12 are rejected under 35 U.S.C. 102(b) over the patent to Rockstrom et al.

Claims 3 and 4 are rejected under 35 U.S.C. 103(a) over Rockstrom et al. in view of the patent to Cohn.

Claims 7-10 are rejected under 35 U.S.C. 103(a) over Rockstrom et al. in view of the patent to Frye et al.

In connection with the Examiner's objections to the drawings,

applicant has attached hereto a replacement sheet in which Fig. 2 has been amended to show the outer collars with different diameters that increase toward the middle of the troughed roller. It is submitted that no new matter is added by these changes.

In view of these considerations it is respectfully submitted that the objection to the drawings under 37 C.F.R. 1.83(a) is overcome and should be withdrawn.

In view of the Examiner's objection to and rejections of the claims, applicant has amended claims 1-6 and 12.

Applicant has amended claim 6 to correct the informalities pointed out by the Examiner. In view of these considerations it is respectfully submitted that the objection to claim 6 is overcome and should be withdrawn.

It is respectfully submitted that the claims now on file particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicant has amended the claims to address the instances of indefiniteness pointed out by the Examiner.

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In view of these considerations it is respectfully submitted that the rejection of claims 2-5 and 12 under 35 U.S.C. 112, second paragraph is overcome and should be withdrawn.

It is respectfully submitted that the claims presently on file differ essentially and in an unobvious, highly advantageous manner from the constructions disclosed in the references.

Turning now to the references and particularly to the patent to Rockstrom et al., it can be seen that this patent discloses a roll rewinding device that appears to have an elastically deformable, resilient elements 55, 71 that appear to be made of rubber or a rubber-like material. Rockstrom et al. do not disclose an outer collar uniformly supported by support members that are spring-tensioned from the inside by disk springs against the outer collar, as in the presently claimed invention.

In view of these considerations it is respectfully submitted that the rejection of claims 1, 2, 5, 6, 11 and 12 under 35 U.S.C. 102(b) over the above-discussed reference is overcome and should be withdrawn.

The patent to Cohn discloses a mandrel and actuator. The

Examiner combined Cohn with Rockstrom et al. in determining that claims 3 and 4 would be unpatentable over such a combination. Applicant respectfully submits that neither of these references, nor their combination, teach a coiler device having an outer collar uniformly supported by support members that are spring-tensioned from the inside by disk springs against the outer collar, as in the presently claimed invention.

In view of these considerations it is respectfully submitted that the rejection of claims 3 and 4 under 35 U.S.C. 103(a) over a combination of the above-discussed references is overcome and should be withdrawn.

The patent to Frye et al. discloses a compliant drum and rider roll. The Examiner combined Frye et al. Rockstrom et al. in determining that claims 7-10 would be unpatentable over such a combination. Applicant respectfully submits that neither of these references, nor their combination, teach a coiler device having an outer collar uniformly supported by support members that are spring-tensioned from the inside by disk springs against the outer collar, as in the presently claimed invention.

In view of these considerations it is respectfully submitted


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that the rejection of claims 7-10 under 35 U.S.C. 103(a) over a combination of the above-discussed references is overcome and should be withdrawn.

Reconsideration and allowance of the present application are respectfully requested.

Any additional fees or charges required at this time in connection with this application may be charged to Patent and Trademark Office Deposit Account No. 11-1835.

Respectfully submitted,

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450 Alexandria, VA 22313-1450, on August 27, 2007.

By: 
Klaus P. Stoffel

Date: August 27, 2007